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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Justin Picard, Jian Zhao  
Filed : Herewith  
For : IMPROVED TECHNIQUES FOR DETECTING, ANALYZING, AND  
USING VISIBLE AUTHENTICATION PATTERNS

PRELIMINARY AMENDMENT

Commissioner for Patents  
MAIL STOP PCT  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In the US national phase application of **PCT/US2005/000201** filed herewith,  
please file the following amendments and enter remarks as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Listing and Amendments to the Claims** begin on page 3 of this paper.

**Remarks** begin on page 8 of this paper.